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JUL 08 2005

WENDY W. KOBA, ESQ.

Fax

Company: US PTO

From: Wendy W. Koba

Attention: Sung H. Pak

Pages Including cover sheet: 10

Fax No.: 703-872-9306

Date: 7/8/05

Re: Serial No. 10/691,947

Urgent  Please review  Please Comment  Please Reply  For your information

Case Name: Eggleton 37-1-4

Serial Number: 10/691,947

Filing Date: October 23, 2003

Examiner: Sung H. Pak

Title: Optical Devices Including Microstructured Fiber Sections Disposed for Transverse Signal Propagation

In response to a non-final office action dated April 12, 2005 attached please find the following:

1. Transmittal Form (1 page)
2. Certificate of Transmission Under 37 CFR 1.8 (1 page)
3. Claims as Amended (1 page)
4. Amendment (6 pages)

Respectfully submitted,

*Wendy W. Koba*  
Wendy W. Koba, Esq.

PTO/SB/21 (09-04)

Approved for use through 07/31/2006, OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL  
FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/691,947
Filing Date	10/23/2003
First Named Inventor	Eggleton
Art Unit	2874
Examiner Name	Sung H. Pak
Attorney Docket Number	37-174

## ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	1. Fax Cover Sheet
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	2. Claims As Amended
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD. Number of CD(s) _____	<input type="checkbox"/> Landscape Table on CD
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application	<input type="checkbox"/> Remarks	
<input type="checkbox"/> <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Wendy W. Koba, Esq.		
Signature	Wendy W. Koba		
Printed name	Wendy W. Koba		
Date	7/8/05	Reg. No.	30509

## CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature	Wendy W. Koba		
Typed or printed name	Wendy W. Koba		
	Date:	7/8/05	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/97 (09-06)  
Approved for use through 07/31/2006 OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

## Certificate of Transmission under 37 CFR 1.8

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on 7/8/05

Date

Wendy W. Koba

Signature

Wendy W. Koba

Typed or printed name of person signing Certificate

30509

Registration Number, if applicable

610-346-7112

Telephone Number

Note Each paper must have its own certificate of transmission, or this certificate must identify each submitted paper.

1. Fax Cover Sheet
2. Claims As Amended
3. Amendment

This collection of information is required by 37 CFR 1.8. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1.8 minutes to complete (including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2

IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

CASE Eggleton 37-1-4

SERIAL NO. 10/691,947

GROUP ART UNIT 2874

FILED October 23 2003

EXAMINER Sung H. Pak

TITLE Optical Devices Including Microstructured Fiber  
 Sections Disposed for Transverse Signal Propagation  
 COMMISSIONER OF PATENTS  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

SIR

Enclosed is an amendment in the above-identified application:

No additional fee is required, as shown below.

CLAIMS AS AMENDED

	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE
TOTAL CLAIMS FOR FEE PURPOSES	9	MINUS	12	0	X \$50	0
INDEPENDENT CLAIMS	1	MINUS	2	0	X \$200	0
MULTIPLE DEPENDENT CLAIM(S) First presented with this amendment, if applicable					X\$360	0
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT</b>						<b>\$ 0</b>

Please address all correspondence to Wendy W. Koba, P.O. Box 556, Springtown, PA 18081-0556.

Respectfully,

Wendy W. Koba  
 Wendy W. Koba  
 Reg. No. 30509  
 Attorney for Applicant(s)  
 610-346-7112

Date: 7/8/05

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JUL 08 2005

Eggleton 37-1-4

IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

## Patent Application

Inventor(s) Benjamin J. Eggleton  
Mikio Ogai  
Mikhail Sumetsky

Case 37-1-4 Conf. No. 6310

Serial No. 10/691,947 Group Art Unit 2872

Filing Date October 23, 2003

Examiner Sung H. Pak

Title Optical Devices Including Microstructured Fiber Sections  
Disposed for Transverse Signal Propagation

COMMISSIONER OF PATENTS  
ALEXANDRIA, VA 22313-1450

SIR:

Amendment

In response to the Office Action dated April 12, 2005, please amend the above-identified application as follows: